



Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	DOCKET NO.	SERIAL NO.				
		5398-017-27 CONT	10/666,997				
		APPLICANT					
		Carol CARTER, et a.					
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		September 18, 2003	1648				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
LH	AA	5,807,995	09/15/98	COHEN, et al.			
	AB	5,892,016	04/06/99	BRIE, et al.			
	AC	5,679,523	10/21/97	LI, et al.			
↓	AD	5,891,668	04/06/99	LI, et al.			
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LH	AE	Ott, et al., "Cytoskeletal Proteins inside Human Immunodeficiency Virus Type 1 Virions", Journal of Virology, Vol. 70, No. 11, 1996.					
	AF	Bryant, et al., "Myristylation-dependent replication and assembly of human immunodeficiency virus 1", Proc. Natl. Acad. Sci. USA, Vol. 87, pp. 523-527, 1990.					
	AG	Camaur, et al., "Human Immunodeficiency Virus Matrix Tyrosine Phosphorylation: Characterization of the Kinase and Its Substrate Requirements", Journal of Virology, Vol. 71, No. 9, pp. 6834-6841, 1997.					
	AH	Göttlinger, et al., "Role of capsid precursor processing and myristylation in morphogenesis and infectivity of human immunodeficiency virus type 1", Proc. Natl. Acad. Sci. USA, Vol. 86, pp. 5781-5785, 1989.					
	AI	Ott, et al., Ubiquitin Is Covalently Attached to the p6 ^{Gag} Proteins of Human Immunodeficiency Virus Type 1 and Simian Immunodeficiency Virus and to the P12 ^{Gag} Protein of Moloney Murine Leukemia Virus", Journal of Virology, Vol. 72, No. 4, pp. 2962-2968, 1998.					
	AJ	Wills, et al., "An Assembly Domain of the Rous Sarcoma Virus Gag Protein Required Late in Budding", Journal of Virology, Vol. 68, No. 10, pp. 6605-6618, 1994.					
	AK	Göllinger, et al., "Effect of mutations affecting the p6 gag protein on human immunodeficiency virus particle release", Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 3195-3199, 1991.					
	AL	Huang, et al., "p6 ^{Gag} Is Required for Particle Production from Full-length Human Immunodeficiency Virus Type 1 Molecular Clones Expressing Protease", Journal of Virology, Vol. 69, No. 11, p. 6810-6818, 1995.					
	AM	Schubert, et al., "Proteasome inhibition interferes with Gag polyprotein processing, release, and maturation of HIV-1 and HIV-2", Proc. Natl. Acad. Sci. USA, Vol. 97, No. 24, pp. 13057-13062, 2000.					
↓	AN	Strack, et al., "A role for ubiquitin ligase recruitment in retrovirus release", Proc. Natl. Acad. Sci. USA, Vol. 97, No. 24, 13063-13068, 2000.					
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LH	BA	Vogt, "Ubiquitin in retrovirus assembly: Actor of bystander?", Proc. Natl. Acad. Sci. USA, Vol. 97, No. 24, p. 12945-12947, 2000.	
	BB	Ott, et al., "Ubiquitination of HIV-1 and MuLV Gag", Virology, Vol. 278, p. 111-121, 2000.	
	BC	Patnaik, et al., "Ubiquitin is part of the retrovirus budding machinery", Proc. Natl. Acad. Sci. USA, Vol. 97, No. 24, pp. 13069-13074, 2000.	
	BD	Lemmon, et al., "Sorting in the endosomal system in yeast and animal cells", Abstract Only, Current Opinion in Cell Biology, Vol. 12, No. 4, pp. 457-466, 2000.	
	BE	Xie, et al., "Cell cycle-dependent subcellular localization of the TSG101 protein and mitotic and nuclear abnormalities associated with TSG101 deficiency", Proc. Natl. Acad. Sci. USA, Vol. 95, pp. 1595-1600, 1998.	
	BF	Zhong, et al., "Perturbation of TSG101 protein affects cell cycle progression", Abstract Only, Cancer Res., Vol. 58, No. 13, pp. 2699-2702, 1998.	
	BG	Harty, et al., "A PPxY motif within the VP40 protein of Ebola virus interacts physically and functionally with a ubiquitin ligase: Implications for filovirus budding", Proc. Natl. Acad. Sci. USA, Vol. 97, No. 25, pp. 13871-13876, 2000.	
	BH	Ikeda, et al., "The Epstein-Barr Virus Latent Membrane Protein 2A PY Motif Recruits WW Domain-Containing Ubiquitin-Protein Ligases", Abstract Only, Virology, Vol. 268, No. 1, pp. 178-191, 2000.	
	BI	Yasuda, et al., "A Proline-Rich Motif (PPPY) in the Gag Polyprotein of Mason-Pfizer Monkey Virus Plays a Maturation-Independent Role in Virion Release", Journal of Virology, Vol. 72, No. 5, pp. 4095-4103, 1998.	
	BJ	Harty, et al., "A Proline-Rich Motif within the Matrix Protein of Vesicular Stomatitis Virus and Rabies Virus Interacts with WW Domains of Cellular Proteins: Implications for Viral Budding", Journal of Virology, Vol. 73, No. 4, pp. 2921-2929, 1999.	
	BK	Parent, et al., "Positionally Independent and Exchangeable Late Budding Functions of the Rous Sarcoma Virus and Human Immunodeficiency Virus Gag Proteins", Journal of Virology, Vol. 69, No. 9, pp. 5455-5460, 1995.	
	BL	Li, et al., "tsg101: A Novel Tumor Susceptibility Gene Isolated by Controlled Homozygous Functional Knockout of Allelic loci in Mammalian Cells", Cell, Vol. 85, pp. 319-329, 1996.	
	BM	Watanabe, et al., "A Putative Tumor Suppressor, TSG101, Acts as a Transcriptional Suppressor through Its Coiled-Coil Domain", Abstract Only, Biochemical and Biophysical Research Communications, Vol. 245, o. 3, pp. 900-905, 1998.	
▼	BN	Hittelman, et al., "Differential regulation of glucocorticoid receptor transcriptional activation via AF-1-associated proteins", EMBO Journal, Vol. 18, No. 19, p. 5380-5388, 1999.	
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LH	CA	Li, et al., "A TSG101/MDM2 regulatory loop modulates MDM2 degradation and MDM2/p63 feedback control", Proc. Natl. Acad. Sci. USA, Vol. 98, No. 4, pp. 1619-1624, 2001.	
	CB	Pornillos, et al., "Structure and functional interactions of the TSG101 UEV domain", EMBO Journal, Vol. 21, No. 10, pp. 2397-2406, 2002.	
	CC	Felding-Habermann, et al., "Integrin activation control metastasis in human breast cancer", Proc. Natl. Acad. Sci. USA, Vol. 98, No. 4, p. 1853-1858, 2001.	
	CD	Feng, et al., "TSG101 Protein Steady-State Level Is Regulated Posttranslationally by an Evolutionarily Conserved COOH-Terminal Sequence", Cancer Research, Vol. 60, pp. 1736-1741, 2000.	
	CE	Bishop, et al., "TSG101/Mammalian VPS23 and Mammalian VPS28 Interact Directly and Are Recruited to VPS4-induced Endosomes", Journal of Biological Chemistry, Vol. 276, No. 15, pp. 11735-11742, 2001.	
	CF	Li, et al., "Yeast Mutants Affecting Possible Quality Control of Plasma Membrane Proteins", Molecular and Cellular Biology, Vol. 19, No. 5, pp. 3588-3599, 1999.	
	CG	Merrifield, "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide", First Page Only, Journal of American Chemical Society, Vol. 85, pp. 2149-2154, 1963.	
	CH	Durfee, et al., "The retinoblastoma protein associates with the protein phosphatase type 1 catalytic subunit", Genes Dev., Vol. 7, No. 4, pp. 555-569, 1993.	
	CI	Li, et al., "The TSG101 Tumor Susceptibility Gene Is Located in Chromosome 11 Band p15 and Is Mutated in Human Breast Cancer", Cell, Vol. 88, pp. 143-154, 1997.	
	CJ	Smith, et al., "Human Immunodeficiency Virus Type 1 Pr55 ^{gag} and Pr160 ^{gag-pol} Expressed from a simian Virus 40 Late Replacement Vector Are Efficiently Processed and Assembled into Viruslike Particles", Journal of Virology, Vol. 64, No. 6, pp. 2743-2750, 1990.	
	CK	Ehrlich, et al., "Partitioning of HIV-1 Gag and Gag-Related Proteins to Membranes", Abstract Only, Biochemistry, Vol. 35, No. 13, pp. 3933-3943, 1996.	
	CL	Ratner, et al., "Complete nucleotide sequence of the AIDS virus, HTLV-III, Abstract Only, Nature, Vol. 313, pp. 277-284, 1985.	
	CM	Ehrlich, et al., "Assembly of Recombinant Human Immunodeficiency Virus Type 1 Capsid Protein In Vitro", Journal of Virology, Vol. 66, No. 8, pp. 4874-4883, 1992.	
	CN	Li, et al., "The TSG101 Tumor Susceptibility Gene Is Located in Chromosome 11 Band p15 and Is Mutated in Human Breast Cancer", Cell, Vol. 88, No. 1, pp. 143-154, 1997.	
▼	CO	Frankel, "HIV-1: Fifteen Proteins and an RNA", Abstract Only, Annual Reviews, Vol. 67, pp. 1-25, 1998.	
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	DB	Lemmon, et al., "Sorting in the endosomal system in yeast and animal cells", Abstract Only, Current Opinion in Cell Biology, Vol. 12, No. 4, p. 457-466, 2000.	
	DC	Jentsch, et al., "Ubiquitin-conjugating enzymes: novel regulators of eukaryotic cells", Abstract Only, Trends in Biochemical Sciences, Vol. 15, No. 5, pp. 195-198, 1990.	
	DD	Shih, et al., "Monoubiquitin carries a novel internalization signal that is appended to activated receptors", EMBO Journal, Vol. 19, No. 2, pp. 187-198, 2000.	
	DE	Hershko, et al., "The Ubiquitin System", Abstract Only, Annual Reviews, Vol. 67, pp. 425-479, 1998.	
	DF	Kay, et al., "The importance of being proline: the interaction of proline-rich motifs in signaling proteins with their cognate domains", The FASEB Journal, Vol. 14, pp. 231-241, 2000.	
	DG	Townsley, et al., "Dominant-negative cyclin-selective ubiquitin carrier protein E2-C/UbcH10 blocks cells in metaphase", Proc. Natl. Acad. Sci. USA, Vol. 94, pp. 2362-2367, 1997.	
	DH	Harty, et al., "A PP _X Y motif within the VP40 protein of Ebola virus interacts physically and functionally with a ubiquitin ligase: Implications for filovirus budding", Proc. Natl. Acad. Sci. USA, Vol. 97, No. 25, pp. 13871-13876, 2000.	
	DI	Sutton, et al., "Human Immunodeficiency Virus Type 1 Vectors Efficiently Transduce Human Hematopoietic Stem Cells", Journal of Virology, Vol. 72, No. 7, pp. 5781-5788.	
	DJ	Allard, et al., "Dual Myristylation and Palmitylation of Src Family Member p59 ^{pp} Affects Subcellular Localization", The Journal of Biological Chemistry, Vol. 269, No. 24, pp. 16701-16705, 1994.	
▼	DK	Vodicka, et al., "Indicator Cell Lines for Detection of Primary Strains of Human and Simian Immunodeficiency Viruses", Abstract Only, Virology, Vol. 233, No. 1, pp. 193-198, 1997.	
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